07-17-07



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/625,102

Confirmation No.: 8891

IFW

Applicant

: Pedro M. Buarque de Macedo

Filed -

: July 22, 2003

"Express Mail" mailing label No. EV 725836615

Date of Deposit: July 16, 2007

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail" service under 37 CFR 1.10 on the date indicated above and is addressed to the

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Name: Judith N. Steinsapir

TC/A.U.

Examiner

: Michael Safavi

Docket No.

: 50699/11

Customer No.

: 1912

: 3673

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT **PURSUANT TO 37 C.F.R. § 1.97**

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant hereby supplements the Information Disclosure Statements filed on July 22, 2003, October 19, 2005, June 26, 2006 and May 2, 2007 by enclosing PTO/SB/08A and 08B forms, containing references which may be deemed relevant to the above-identified patent application. The Examiner is respectfully requested to consider these references and indicate his or her consideration thereof by initialing the enclosed PTO/SB/08A and 08B forms and returning a copy of the initialed forms to Applicant's undersigned attorney.

The Examiner's attention is also directed to the issued patent and co-pending patent applications listed in the following table, which may have claims deemed to be

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directed to related or similar subject matters as the pending claims of the present application. These patent and patent applications have been or are currently being disclosed in the Information Disclosure Statements. As indicated in the table, some of the listed applications have received office actions with rejections. The Examiner is directed to review the patent and co-pending applications listed below as he deems appropriate.

U.S. Appl. No.	U.S. Patent No./Pub. No.	<u>Status</u>
10/076,971	6,964,809 B2	Issued.
(filed 2/15/2002) 11/273,785	(issued 11/15/2005)	Pending examination.
(filed 11/14/2005)		
11/607,412 (filed 12/1/2006)		Pending. Office action.
10/625,071	2005/0019542 A1	Pending.
(filed 7/22/2003)	(published 1/27/2005)	Office action with rejection.
11/728,667 (filed 3/27/2007)		Pending examination.
10/736,796	2004/0123535 A1	Pending.
(filed 12/16/2003)	(published 7/1/2004)	Office action with rejection.

As provided for by 37 C.F.R. 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be, material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in the statement.

No fees are believed to be due in connection with filing of this Information

Disclosure Statement, which is being submitted before the mailing of a first Office Action

Page 2 of 3

after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114.

However, authorization is given hereby to charge any fees due in connection with the filing of this Statement to Deposit Account No. 01-1785.

Respectfully submitted,

AMSTER, ROTHSTEIN & EBENSTEIN LLP

Attorneys for Applicant

90 Park Avenue

New York, NY 10016

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Dated: New York, New York

July 13, 2007

Charles R. Macedo

Registration No.: 32,781

Substitute for form 1449/PTO

Sheet

PTO/SB/08A (04-07)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Complete if Known					
Application Number 10/625,102					
Filing Date	July 22, 2004				
First Named Inventor	Pedro M. Buarque de Macedo				
Art Unit	3673				
Examiner Name	Michael Safavi				
Attorney Docket Number	50699/11				

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US- 11/273,785		Hojaji, et al.			
		^{US-} 10/625,071		Hojaji, et al.			
		^{US-} 10/736,796		Hojaji, et al.			
		^{US-} 11/607,412		Macedo			
		^{US-} 11/728,667		Hojaji, et al.			
		^{US-} 5,641,815	06/24/1997	Fehlmann			
		^{US-} 4,051,296	09/27/1977	Windecker			
		^{US-} 4,232,069	11/04/1980	Windecker			
		^{US-} 4,196,251	04/01/1980	Windecker			
		^{US-} 3,269,887	08/30/1966	Windecker			
		^{US-} 3,666,850	05/30/1972	Windecker			
		^{US-} 3,607,595	09/21/1971	Windecker			
		^{US-} 3,549,449	12/22/1970	Windecker			
		^{US-} 3,533,880	10/13/1970	Windecker			
		US- 3,519,228	07/07/1970	Windecker			
		^{US-} 3,518,156	06/30/1970	Windecker			
		^{US-} 3,493,460	02/03/1970	Windecker			
		^{US-} 3,467,345	09/16/1969	Windecker			
		^{US-} 3,448,546	06/10/1969	Windecker			

FOREIGN PATENT DOCUMENTS							
Examiner Cite		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY	Applicant of Ottoa Bookingth	Or Relevant Figures Appear	Τ,	
		Written Opinion of ISA for		Macedo			
		PCT/US04/023030 (mailed 6/27/06)					
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Examiner	Date	
Signature	Considered	
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Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

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Substitu	austrate for form 1445/1 TO		Application Number	10/625,102			
INIE		I DISC	N OSLIDE	Filing Date	July 22, 2004		
	ORMATION			First Named Inventor	Pedro M. Buarque de Macedo		
STA	ATEMENT B	BY AP	PLICANT	Art Unit	3673		
	(Use as many sh	eets as nec	essary)	Examiner Name	Michael Safavi		
991	2	of	3	Attorney Docket Number	50699/11		

				T DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 3,328,229	06/27/1967	Windecker	
		^{US-} 3,273,833	09/20/1966	Windecker	
		^{US-} 3,396,923	08/13/1968	Windecker	
		^{US-} 3,396,922	08/13/1968	Windecker	
		^{US-} 3,427,689	02/18/1969	Windecker	
		^{US-} 3,416,756	12/17/1968	Windecker	
		^{US-} 2002/0010223 A1	01/24/2002	Botrie	
		^{US-} 2004/0123535 A1	07/01/2004	Hojaji, et al.	
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Examiner	Cite	FORE Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	Γ
Initials*	No.¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Date MM-DD-YYYY	Applicant of Cited Document	Or Relevant Figures Appear	1
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Examiner	Date	
Signature	Considered	

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Substitut	te for form 1449/PTO			Complete if Known		
Substitut	e 10/10/11/11/14/9/P10			Application Number	10/625,102	
INFO	DRMATION	N DIS	CLOSURE	Filing Date	July 22, 2004	
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Pedro M. Buarque de Macedo	
	()	4		Art Unit	3673	
	(Use as many sh	ieets as n	ecessary)	Examiner Name	Michael Safavi	
Sheet	3	of	3	Attorney Docket Number	50699/11	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		McGraw Hill Dictionary of Scientific and Technical Terms, 5th ed., 1994 pp. 785 and 904, McGraw Hill, Inc., New York, U.S.A.	
		Glass Online, Illustrated Glass Dictionary, at http://www.glassonline.com/infoserv/dictionary/39.html.	
:		Pittsburgh Corning Foamglas Insulation, 2004, Pittsburgh Corning Corporation	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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